"Required" notes (from Jennifer)

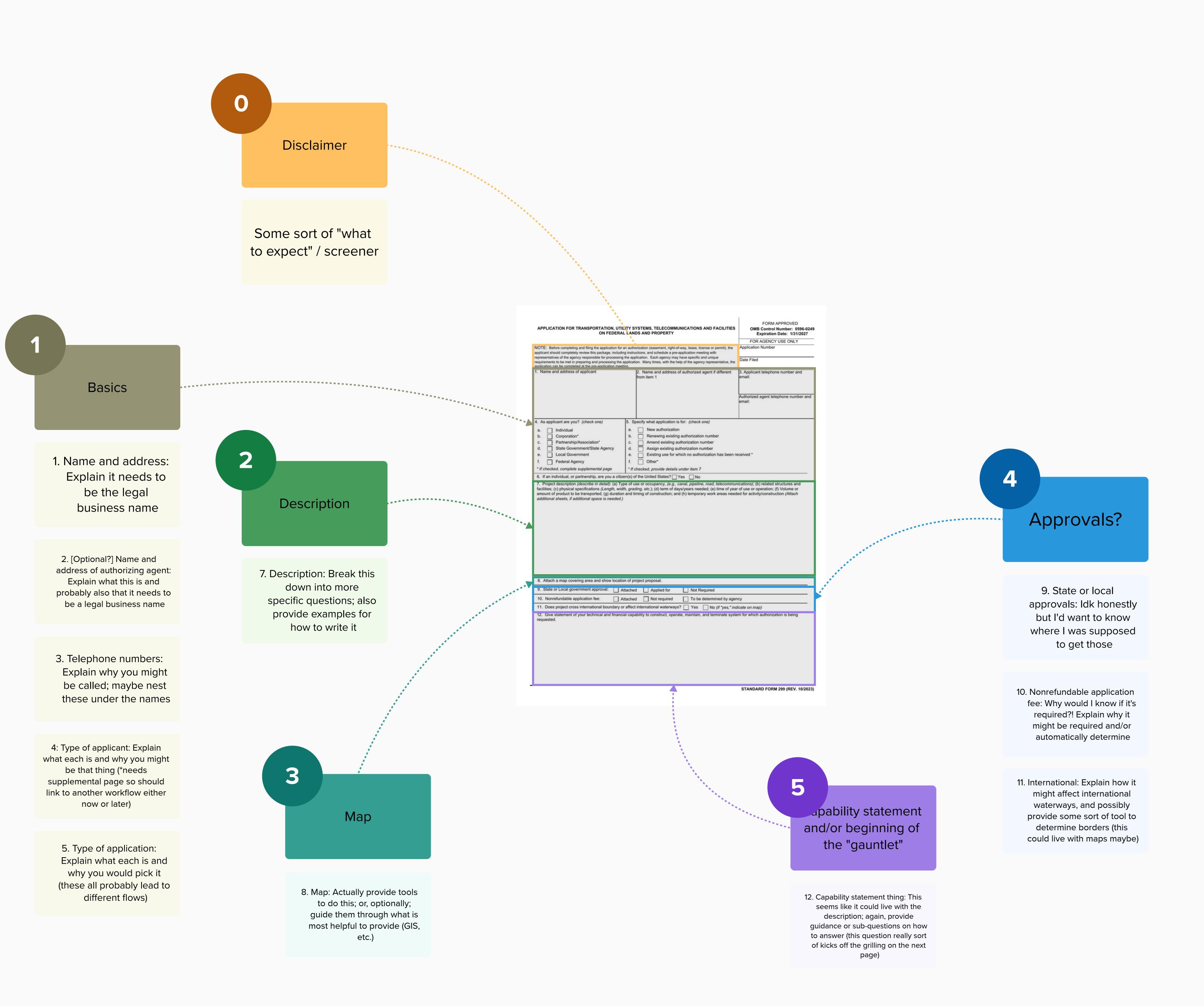
On the SF 299 - Required I items 1, 3, 4, 5, 7, 8, 12, 13, 19, signature, and Required if applicable I items 2, 6, 11, 20 and "Supplemental" (p. 4), if a business entity Optional | items 9 and 14 through 18

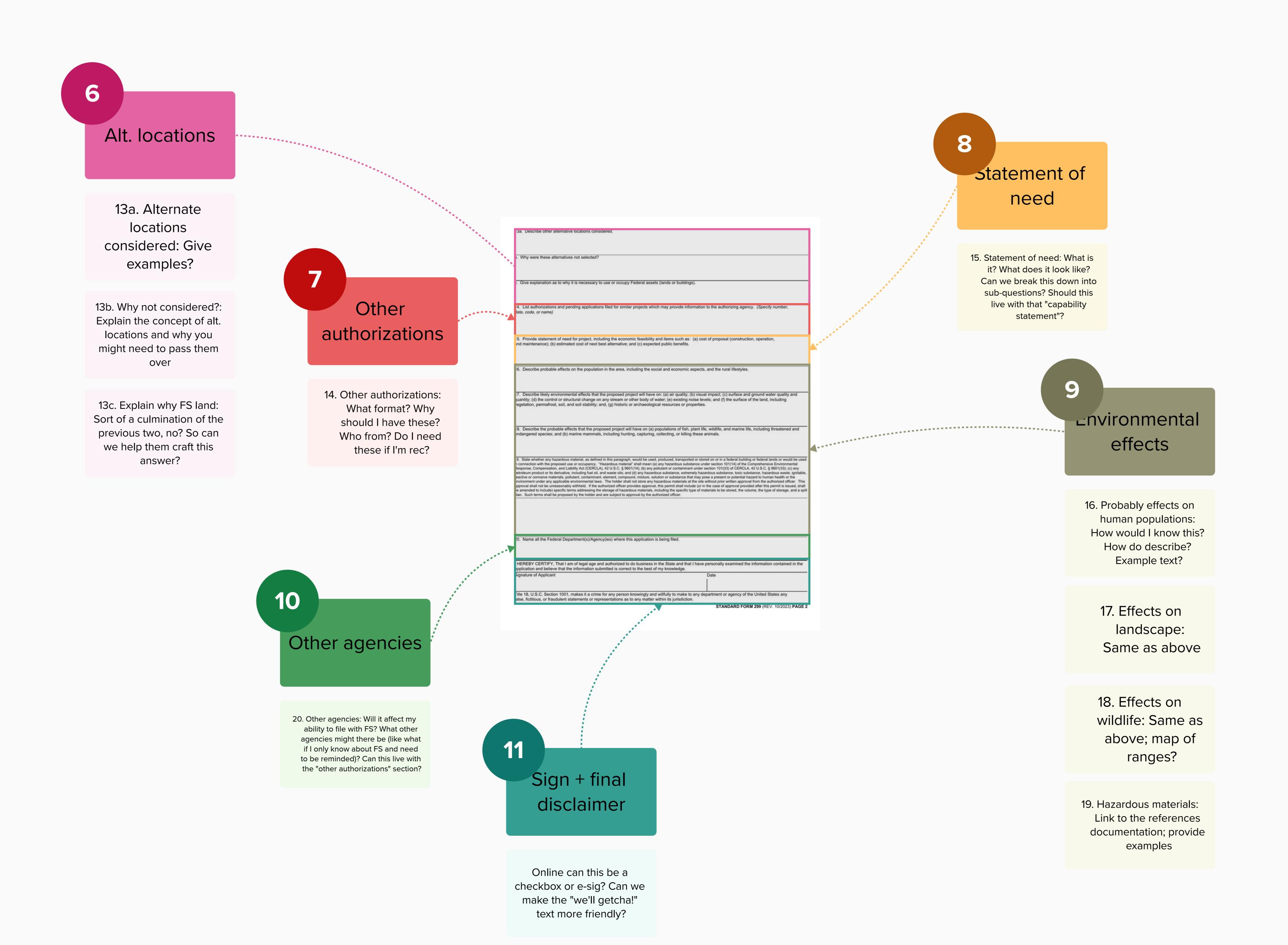
Items 14 - 18. Generally not required; however, if you have information or have conducted studies relevant to these items, the information may be submitted to support processing.

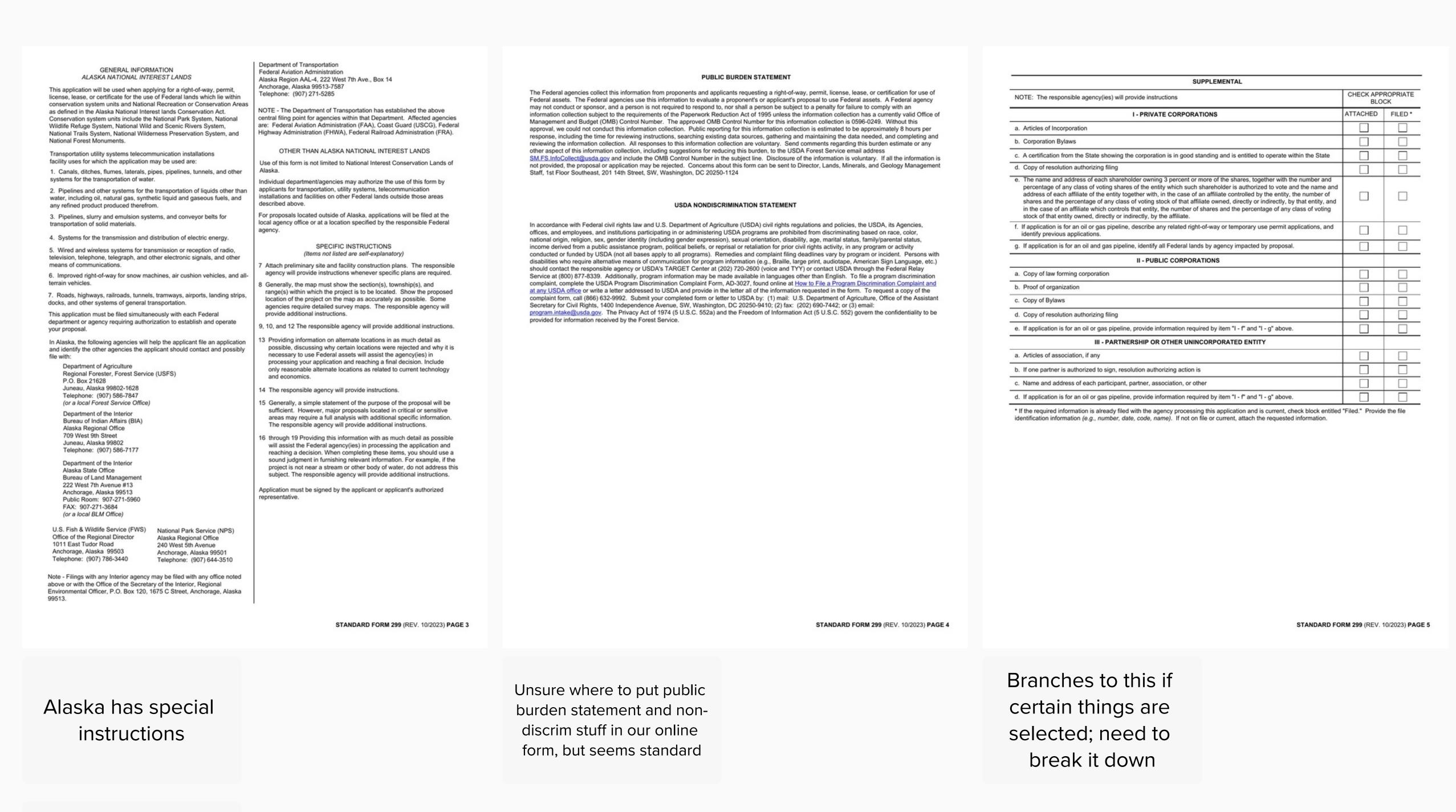
General notes

Rec can probably skip most?

MORE stuff







upgrade of existing authorized line?

 The SF-299 is required to process all proposals for Special Use Authorizations on National Forest System (NFS) lands. Proponents should batch all proposals together into one larger proposal to the extent possible. Separate authorizations are required when co-locating on existing powerline infrastructure (one permit for powerline, one permit for fiber optic). If co-locating on existing powerline infrastructure, a letter of consent from the energy provider . If the proposed use will be placed within the road right-of-way managed by a public road entity (county or state), a letter of consent is required from that public road entity to ensure there are no conflicts with their existing use. The Forest Service requires clear, understandable maps and GIS data. Maps must show NFS lands. Forest Service mapping data can be found he o The only acceptable GIS data format is an ESRI File Geodatabase, ESRI Shapefiles, or a published feature layer in AGOL. KMZ files or other forms of data will not be accepted.

Maps and GIS date must follow the mapping requirements (see mapping requirements)

Answer each question on the SF-299. Please include the following information in your proposal submission. It is acceptable to attach additional pages to the SF-299, if needed. Purpose and Need of the Facilities: c. What alternatives were considered? Why must the use occur on NFS lands? d. Is the proposed fiber optic line to be buried or above ground?

 If alternatives exist, please list them and explain why they were not selected. e. Is the proposed fiber optic line to be alongside existing roads or through previously f. What is the size of proposed right-of-way area (length and width, include depth if buried). If poles are proposed, include height and class of poles. FS policy is a width of 10 feet minimum. If additional width is requested please justify.

h. Can this use be co-located on existing powerline infrastructure (permit is still required)

from the primary special use authorization holder for all aerial or underground

If yes, please explain and list who owns the infrastructure. Provide a letter of consent

a. What is the proposed use (what will be installed or constructed, number of poles, etc.)? g. How many acres of ground disturbance are in this proposal? Include installation of fiber optic cable, staging areas, and access roads. Is this an entirely new fiber optic line or

c. Engineering design drawings and/or standards for structures, roads and drainage (if

d. Legal description of the facility (T/R/S with the quarter quarter for each section) and/or GPS coordinates. Refer to the U.S Department of the Interior, Bureau of Land Management – Specifications for Description of Land 2017 for the proper format for e. Include GIS data, per instructions above. f. Include a map of the overall area of disturbance, identifying how many acres of land will be disturbed in the proposal. g. Include access needs (temporary and permanent) on maps and in the GIS data. Construction or Installation of Facilities: Will a helicopter be required to install improvements? If so, designate the flight routes on a map. b. What is your construction or installation schedule? Include duration of work.

i. Will there be construction near recreation sites, will it be necessary to temporarily

close public roads? Include a plan to ensure the public's safety.

a. List all design factors to be considered, such as ancillary uses, staging areas for

b. Provide typical drawings for the types of facilities to be placed (poles, anchors,

equipment, guy-lines for poles, structures, junction boxes, etc.

b. Will you lease out the fiber optic line? If yes, to whom?

handholes, etc). (see #5).

5. Right-of-Way Location, Maps and Drawings:

b. Drawings of typical poles, if applicable.

Describe the method of work or construction.

ii. Size of work force and number of vehicles.

i. What type of machinery?

Will there be impacts to any NFS roads? If yes, please list and describe the impacts.

c. Are there any temporary uses associated with construction or installation? If so, please

a. Do you currently have an existing authorization? If yes, please list the Authorization ID

District)? If the planned work cannot be consolidated into one proposal, explain why

Other Concerns:
a. Will there be potential conflicts with other users, such as powerlines, utilities, or roads.

b. List any planned future proposals on this Forest Service unit (Forest and Range)

Written description of location (list road names, County, bodies of water, etc.).

a. Will you need to implement erosion control measures? Describe the area that will need reseeding or revegetation. Operation and Maintenance: a. Will you need access to the right-of-way in all seasons for construction and/or i. What type of access (full sized vehicle, UTV, etc.)? ii.What are your long term access needs? b. Will operational access to the site require a helicopter? Will industrial waste or toxic substances be placed on NFS lands after construction has been completed? d. Provide your inspection, maintenance, or work schedules. e. Will there be signage or above ground markers? If yes, share an example. Contingency planning- please supply multiple alternate contacts. g. What fire control measures do you practice? Appendices (if applicable)-

> B. Biological Resource Protection Measures . Cultural Resources and Protection Plan

Some helper text for

various fields that

can help us write

content

More things need

document assumes

G. Environmental Monitoring and Compliance Plan i. Are you proposing to clear trees? If yes, how many trees are you proposing to J. Emergency Preparedness Plan Flagging, Fencing and Signage Plan M. Geotechnical Plan N. Hazardous Materials Management and Oil Spill Plan O. Health, Safety and Noise Plans i. Will there be any industrial waste or toxic substances placed on NFS lands permanently R. Traffic and Transportation Management Plan

e. Final site grading plans

i. Please list proponent (give multiple alternates, if possible) and contractor contact Operations, Maintenance and Vegetation management U. Permits and Authorizations Plan V. Right of Way Legal Descriptions W. Map Atlas - Maps with footprint of fiber optic line (7.5 min topographic maps or equivalent to 7. Resource Values and Environmental Concerns: include references to Public Land Survey system) a. Anticipated conflicts with resources or public health and safety: X. 30% Design Drawings - Initial design drawings of fiber optic line and ancillary facilities. These i. Air, noise, geologic hazards, mineral and energy resources, paleontological initial design drawings will typically be a 30% Engineering and Civil Design package to resources, soils, water, vegetation, wildlife, threatened and endangered species, adequately describe the proposed project and evaluate the design considerations for soils, cultural resources, visual resources, other projects, recreation activities, drainage and watershed management ii. The locations, if any, of environmental, cultural, and historic resources. 8. Stabilization and Rehabilitation:

remove? How many acres of tree removal are you proposing?

g. Are there any access needs to and along the right-of-way during construction.

ii.Provide plans and description of proposed road construction.

h. You must provide a safety plan for initial construction and continued operation.

Are any above-ground structures being proposed? If so, describe.

i. Will geo-technical boring be necessary?

or for the duration of construction?

If yes, include a containment plan.

i. Are the access needs temporary or permanent?

Additional Supplementary Information will be required from the applicant in order to prepare the EPA analysis and complete the review process but is not required to be submitted with the initial POD. This information may be filed after the publication of a Notice of Intent to prepare an EIS (if required) but is required before the NFS can complete the environmental analysis. This information is developed as further data is gathered on-site and as alternative designs and mitigation measures are incorporated into a final POD. Other environmental data and inventory information (including but not limited to cultural resources, sensitive species and other biological data) will also be required to be collected by the applicant in order to prepare the NEPA analysis.

Engineering and Civil Design Facility survey and design drawing standards Final engineering and civil design packages for all facilities and ancillary facilities that incorporate all mitigation measures developed in the NEPA analysis and incorporated into the Watershed and drainage analysis and calculations Watershed protection and erosion control design drawings