COP 43,44, 45 Comments

Reviewer: Heather Hanson

Special Provisions:

1. General Requirements, Pg 1: Discuss traffic plan requirements with ADOT. This section allows for a shutdown for 30 days. Probably need to change this to road remaining open with max shutdown of two each 4 hour periods for each culvert replacement and a maximum impact to traffic of 45 days for all three project.
2. General Requirements, Pg 1: I don’t think May 1st, 2020 is a reasonable completion date given the procurement lead time. I would change this to July 31 or later. Need to discuss in water work window with ADFG, Megan Marie.
3. General Requirements, Pg 1: I would remove NEPA from the list of permits. This is a process, not a permit.
4. General Requirements, Pg 2: Change ADFG Fish Collection permit to ADFG Aquatic Resources permit.
5. General Requirements, Pg 2: Change wording for the SWPPP permit to: “If more than one acre of land is disturbed, the contractor shall obtain (the latest version) Construction General Permit, develop a SWPPP based on that permit and submit a Notice of Intent to ADEC. A Construction General Permit and NOI will not be required if less than acre of land is disturbed. However, the contractor shall still develop a SWPPP and follow best management practices under that SWPPP when less than one acre of land is disturbed.”
6. General Requirements, Pg 2: Verify dig permit procedures with ADOT.
7. Section 201-3.02: Change bird window to May 1 to July 15.
8. Section 201-3.03: Our experience has been that reuse of vegmat from area that has been cleared and grubbed does not work very well as it’s difficult to keep that vegmat in good condition during construction. Please change this to require the contractor to harvest vegmat within 1 day of transplanting within in locations approved by Engineer.
9. Section 203-3.01: Change owner/government to Engineer. We should define the “Engineer” is CRWP’s contracting officer in the General Requirements.
10. Section 611-5.01: Please provide a gradation for filling voids in rip rap to meet the Fuller Thompson equation, even in the collar armor.
11. Section 620-1.01: This section calls for the contractor to use reveg wherever possible. We need to specify where we want vegmat on the drawings. This leaves us open to excessive cost as the vegmat will be a unit price item. We typically only require vegmat along the stream banks.
12. Section 640: Add paragraph requiring as-built record drawings in electronic format. I would typically just require redlines, not autocad drawings, if this is OK with ADOT.
13. Section 672-1.02: Change “Engineer and Owner” to “Engineer.”
14. Section 690-3.04: Change window for planting vegetative mat to June 1-August 31.
15. Section 690-3.05: Is it common practice to hold some payment until vegetation is established? If so, let’s state that here.
16. Section 690-3.07: Change watering requirements to once per week until August 20.
17. Section 724: USFS comments (submitted 9/12/2019): Consider removing Egan Sloughgrass from the required seed mix. USFS Ecologist, Kate Mohatt, says this species does not occur on the Copper River Delta and a mixture of just Deschampsia and Fescue is preferred.