**Silviculture Appendix E.** Estimated trees 30" dbh and greater that may be removed for operability.

| CALCULATION OF OPERABILITY ACRES | QTY | Acres/Unit | Total Acres |
|---|---|---|---|
| Road Reconstruction (Miles) | 26 | 0.7 | 19 |
| Temp Road Construction (Miles) | 22 | 1.7 | 37 |
| New Landing Construction | 190 | 0.33 | 63 |
| Reconstruct Existing Landings | 60 | 0.1 | 6 |
| Group Acres | 1040 | 0.01 | 10 |
| **TOTAL ACRES** | | | **135** |

| | | |
|---|---|---|
| **Average TPA in CWHR Size Class 4 & 5 Stands** | | **11** |
| Total Unit Acres in CWHR 4&5 | 11010 | |
| Total Unit Acres | 11890 | |
| **Percent of Total Unit Acres in CWHR Size Class 4 & 5** | | **93%** |
| *135 acres X 11 trees per acre X 93% of the area with large trees=* | | |
| **Estimated Number of Trees 30" DBH & Greater Removed for Operability** | | **1385** |

| | |
|---|---|
| Total Acres of CWHR Size Class 4 & 5 in Sugarberry Project Area | 37290 |
| Average TPA in CWHR Size Class 4 & 5 Stands | 11 |
| Total Estimated TPA >30" DBH in Project Area | 410190 |
| *1385 trees >30"dbh / (37290 acres X11 tpa) =* | |
| **% of Total Trees 30" DBH & Greater Removed for Operability** | **0.3%** |

**Assumptions:**
Road Reconstruction=Assumes bed is existing, adds 6' on sides for construction activities.
Temp Road Construction=Assumes 5280'/mile X 14' wide.
Assume landings average 1/3 acre.
Assumes 0.1 acres needed for operability in reconstructed landings.
Assumes 1 % of group acres will be affected due to operability.
Assumes skid trails will be reused in DFPZ and ITS units.

**Note:** I assume this is an overestimate as large trees are intentionally avoided due to ecosystem objectives and removal costs.